

FIG. 1A

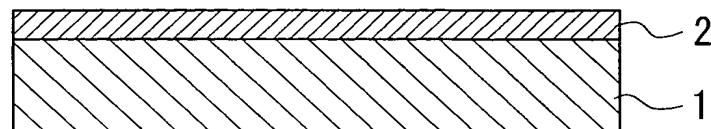


FIG. 1B

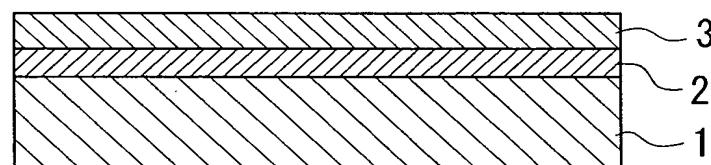


FIG. 1C

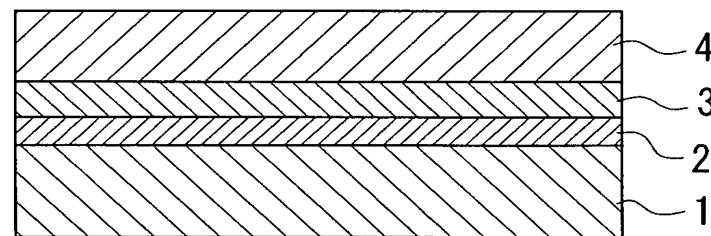


FIG. 1D

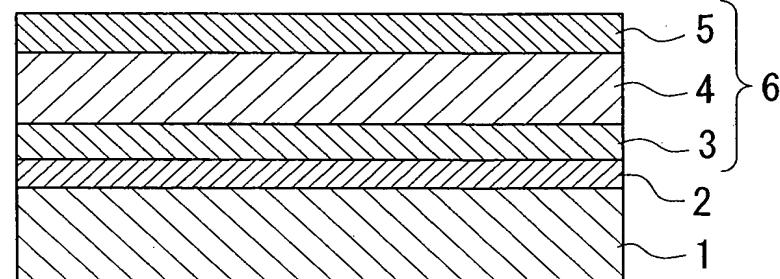


FIG. 2A

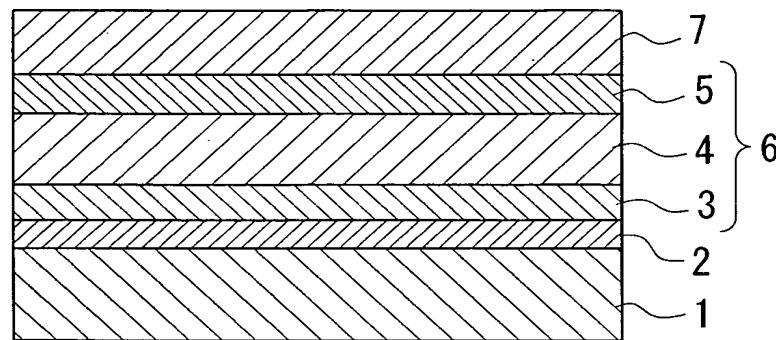


FIG. 2B

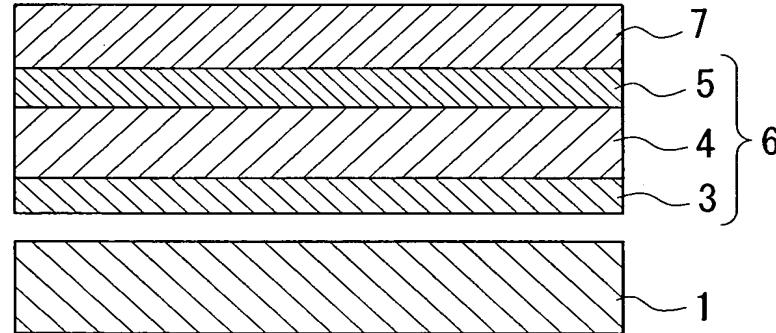


FIG. 3A

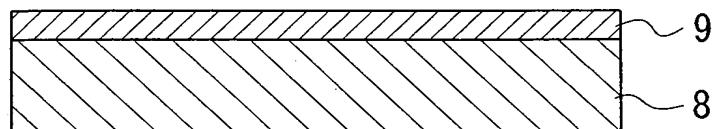


FIG. 3B

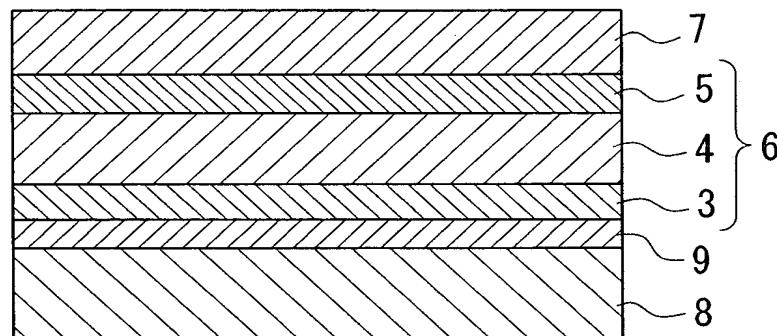


FIG. 3C

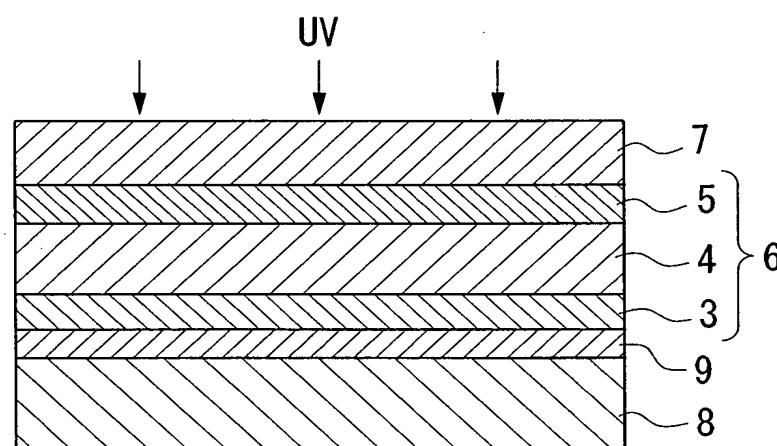
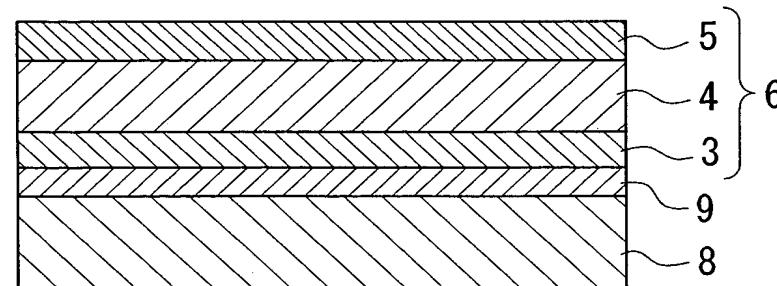


FIG. 3D



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FIG. 4

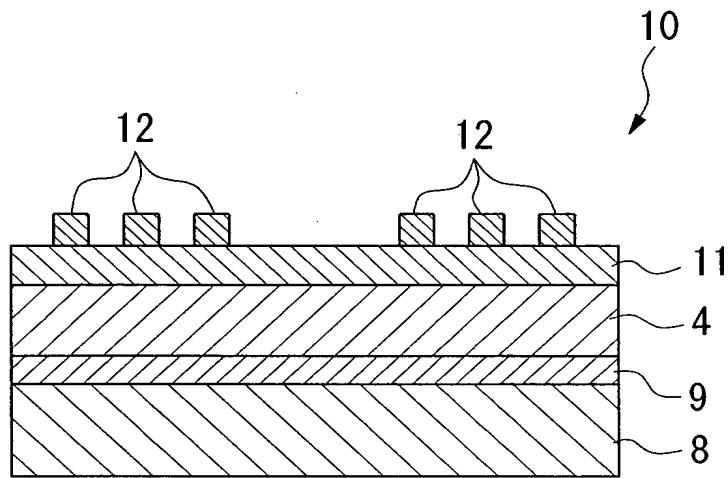
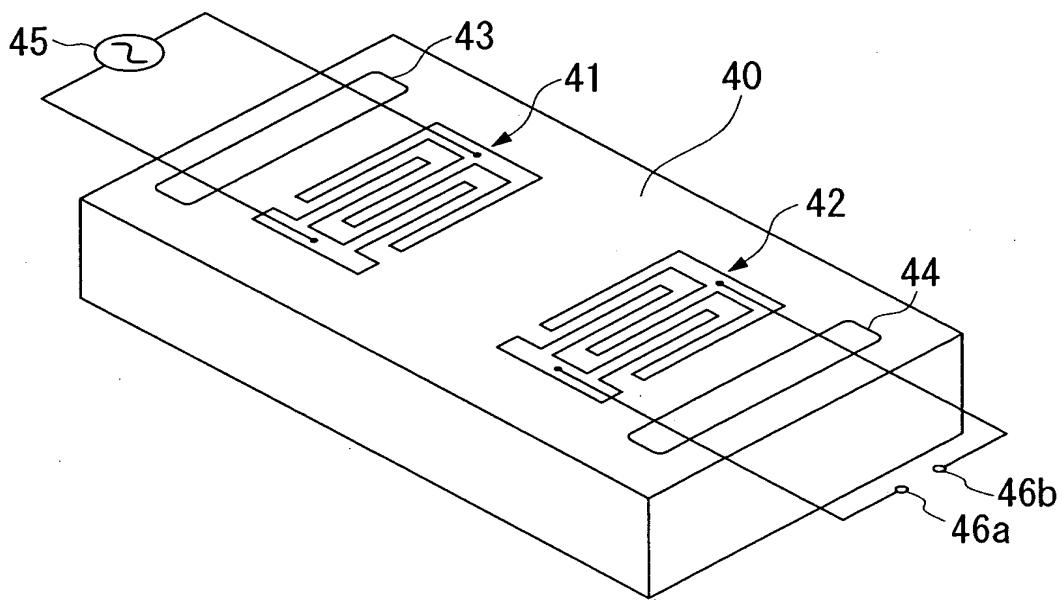


FIG. 5



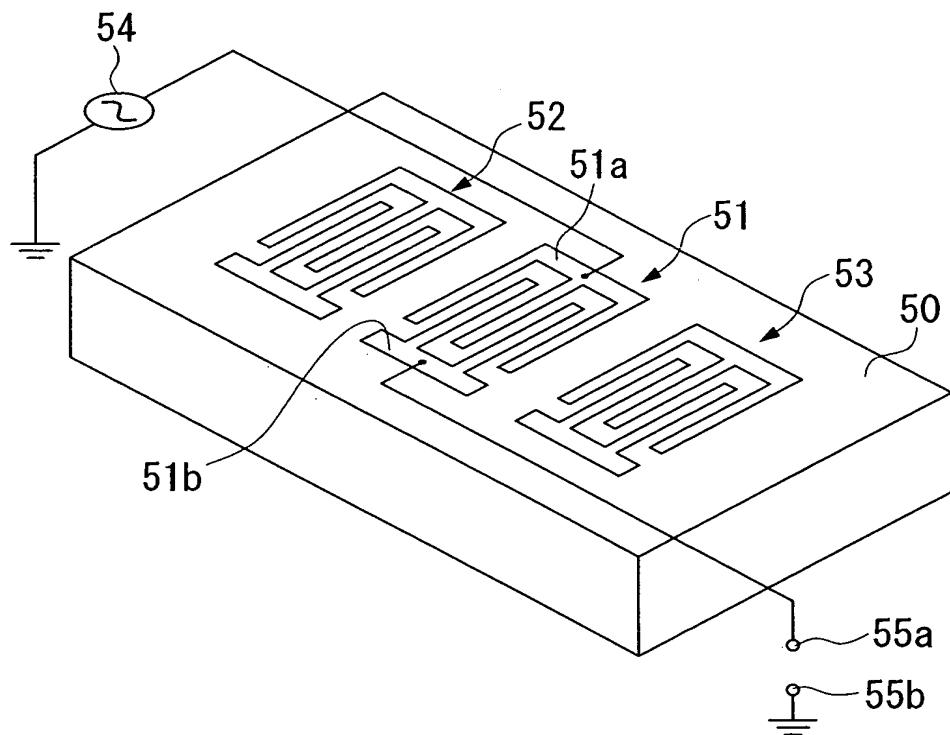
Title: FERROELECTRIC THIN FILM MANUFACTURING METHOD, FERROELECTRIC ELEMENT MANUFACTURING METHOD, SURFACE ACOUSTIC WAVE ELEMENT, FREQUENCY FILTER, OSCILLATOR, ELECTRONIC CIRCUIT, AND ELECTRONIC APPARATUS

Inventor(s): Setsuya IWASHITA, (et al)

Atty. Ref.: 9319G-000741

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FIG. 6



Title: FERROELECTRIC THIN FILM MANUFACTURING METHOD, FERROELECTRIC ELEMENT MANUFACTURING METHOD, SURFACE ACOUSTIC WAVE ELEMENT, FREQUENCY FILTER, OSCILLATOR, ELECTRONIC CIRCUIT, AND ELECTRONIC APPARATUS

Inventor(s): Setsuya IWASHITA, (et al)
Atty. Ref.: 9319G-000741

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FIG. 7A

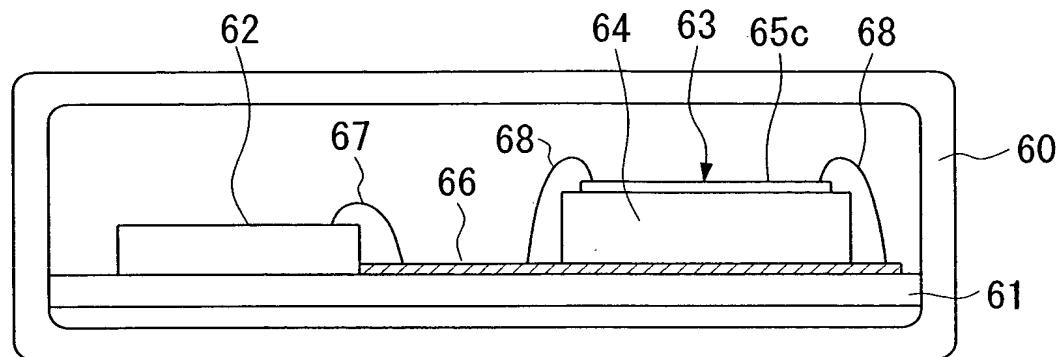
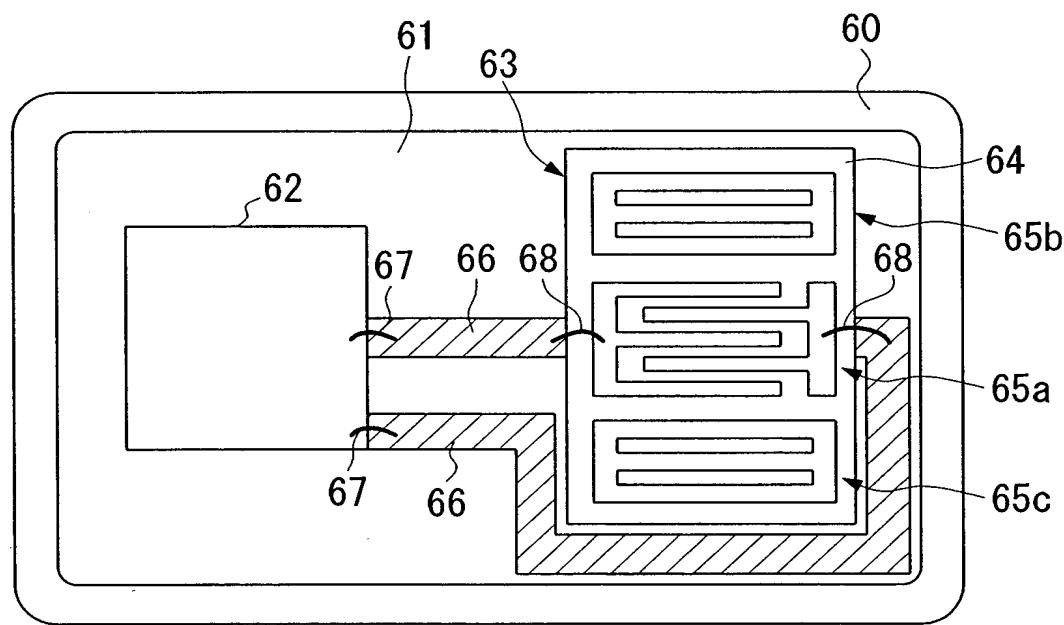


FIG. 7B



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FIG. 8

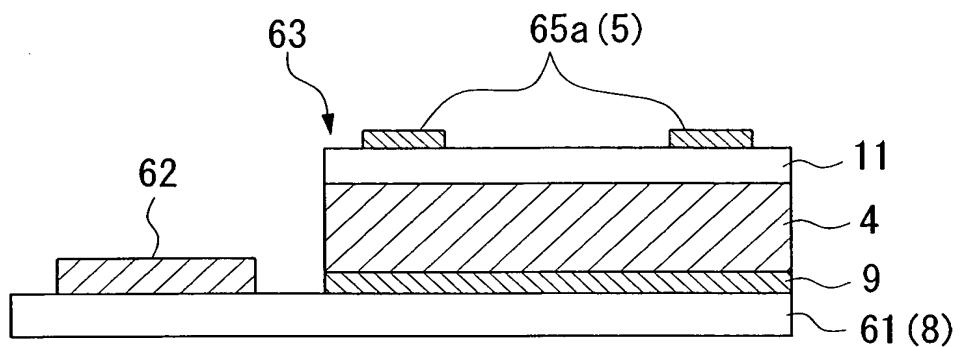


FIG. 9

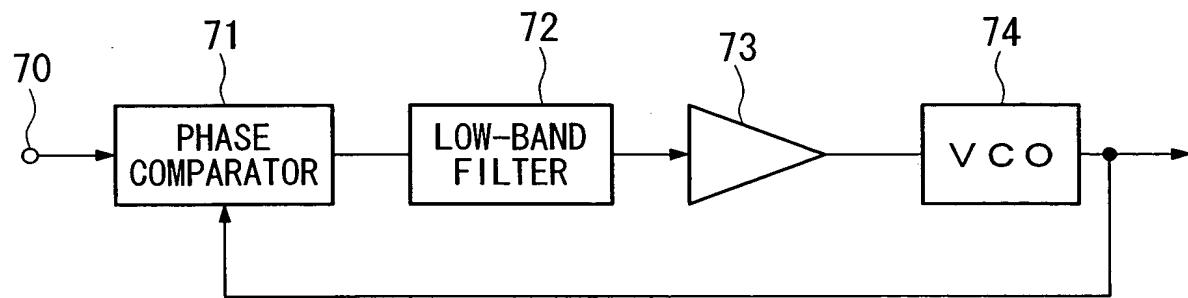
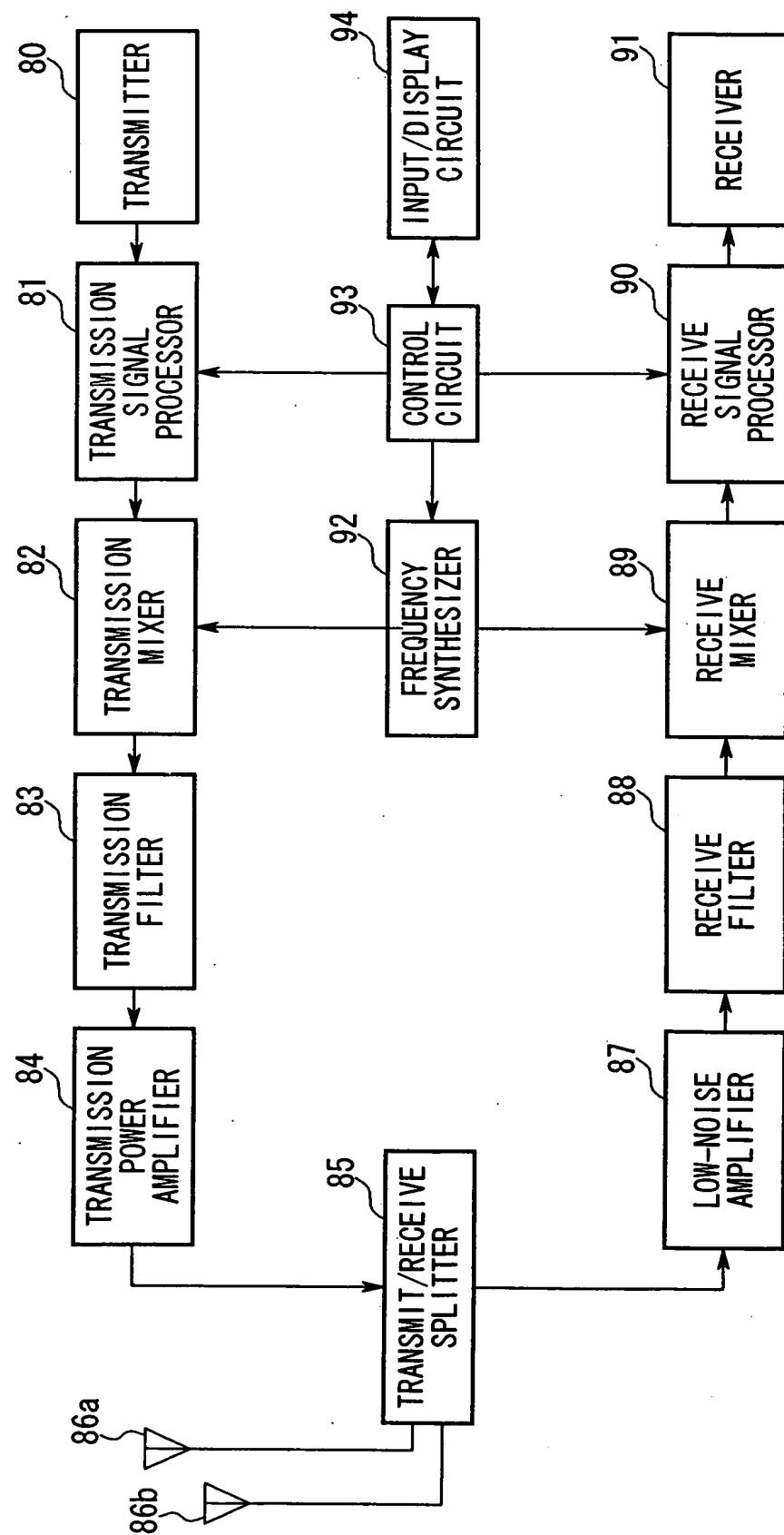


FIG. 10



Title: FERROELECTRIC THIN FILM MANUFACTURING METHOD, FERROELECTRIC ELEMENT MANUFACTURING METHOD, SURFACE ACOUSTIC WAVE ELEMENT, FREQUENCY FILTER, OSCILLATOR, ELECTRONIC CIRCUIT, AND ELECTRONIC APPARATUS

Inventor(s): Setsuya IWASHITA, (et al)

Atty. Ref.: 9319G-000741

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FIG. 11

